Term Information

Effective Term	Autumn 2026

General Information

Course Bulletin Listing/Subject Area	Arts and Sciences
Fiscal Unit/Academic Org	ASC Administration - D4350
College/Academic Group	Arts and Sciences
Level/Career	Undergraduate
Course Number/Catalog	3500
Course Title	Methods and Theory in Computational Social Science II
Transcript Abbreviation	Mthds & Thry 2
Course Description	Continued development of an understanding of key formalisms and applied computational, mathematical, and statistical tools used in the field of computational social science, with particular emphasis on how they relate to “big questions” and theory in the social sciences.
Semester Credit Hours/Units	Fixed: 3

Offering Information

Length Of Course	14 Week, 12 Week, 8 Week, 7 Week, 6 Week
Flexibly Scheduled Course	Never
Does any section of this course have a distance education component?	No
Grading Basis	Letter Grade
Repeatable	No
Course Components	Lecture
Grade Roster Component	Lecture
Credit Available by Exam	No
Admission Condition Course	No
Off Campus	Never
Campus of Offering	Columbus

Prerequisites and Exclusions

Prerequisites/Corequisites	Prerequisite: 3500
Exclusions	
Electronically Enforced	Yes

Cross-Listings

Cross-Listings

Subject/CIP Code

Subject/CIP Code	30.3001
Subsidy Level	Baccalaureate Course
Intended Rank	Sophomore, Junior

Requirement/Elective Designation

Required for this unit's degrees, majors, and/or minors

Course Details

Course goals or learning objectives/outcomes

- Work with a diverse set of skills for generating and analyzing both theoretical/mathematical and algorithmic/computation al models
- Construct novel computational or mathematical models based on new and existing social theory
- Explain and communicate the significance and implications of adapted and original CSS models.
- Recognize and address threats to inference in experimental and observational studies
- Conduct statistical and computational analysis in the most widely used and useful software environments of the day
- Identify statistical methods and computational algorithms that might usefully be applied to a given problem and assess the pros and cons of each
- Use comparative model testing, model-based clustering algorithms, and theory-guided data science techniques to compare the explanatory utility of multiple behavioral models.
- Participate in collaborative projects as a facilitator, team member, or collaborator.
- Explore issues of critical importance to society
- Design computational social science research projects and methodologies that are compatible with ethical standards of research

Content Topic List

- Review of OLS regression; using statistics to evaluate social theory; matching data generating processes to modeling
- Modeling Social Processes with Binary Outcomes-deriving hypotheses and matching derivations to model outputs; moderation and squared terms; non-linear modeling and data generating processes
- Modeling Ordinal Social Processes
- Modeling Nominal Social Processes
- Count Outcomes-Data generating processes derived from Criminological theory; Data generating processes derived from Criminological Theory
- Alternative-Specific Outcomes; Data generating processes giving rise to social mobility.
- Missing Data; Threats to inference; Types of Missing Data; Sample Selection and Disadvantaged Groups.
- Random Effects-Clustered Data Structures in the Social Sciences; Data Generation of Nested Social Processes; Evaluating multilevel social theory with estimands.
- Overview of Causal Analysis with Observational Data; Threats to validity with observational social data and approaches to minimize them.

Sought Concurrence

Yes

Attachments

- CSS 3500 - Methods and Theory in CSS II.pdf: Syllabus

  (Syllabus. Owner: Steele,Rachel Lea)

- Using ARTSSCI transcript abbreviation for new CSS course submissions.pdf: Explanatory Document

  (Other Supporting Documentation. Owner: Steele,Rachel Lea)

- Concurrences Sought for CSS Curriculum.pdf: Concurrences Sought

  (List of Depts Concurrence Requested From. Owner: Steele,Rachel Lea)

- All CSS New Course Concurrence Letters.pdf: Concurrences

  (Concurrence. Owner: Steele,Rachel Lea)

Comments

Workflow Information

Status	User(s)	Date/Time	Step
Submitted	Steele,Rachel Lea	09/06/2025 05:23 PM	Submitted for Approval
Approved	Vankeerbergen,Bernadette Chantal	09/08/2025 10:38 AM	Unit Approval
Approved	Vankeerbergen,Bernadette Chantal	09/08/2025 10:38 AM	College Approval
Pending Approval	Jenkins,Mary Ellen Bigler Neff,Jennifer Vankeerbergen,Bernadette Chantal Steele,Rachel Lea	09/08/2025 10:38 AM	ASCCAO Approval

Explaining the use of “ARTSSCI” transcript abbreviation for new Computational Social Science course submissions

The new Computational Social Science program will ideally have the course transcript abbreviation of “CSS.” However, until the new degree is approved, the Registrar is unable to provide a transcript abbreviation. For submission purposes, newly designated Computational Social Science courses will be submitted using the generic College of Arts and Sciences transcript abbreviation of “ARTSSCI.” This transcript abbreviation will be swapped once the degree is approved and a new transcript abbreviation is created in SIS.

CSS 3500: Methods and Theory in Computational Social Science II

Course Information

- **Course times and location:** Class meets Tuesday/Thursday from 11:00AM to 12:20PM each week in room 245 of Townshend Hall.
- **Credit hours:** 3
- **Mode of delivery:** Flipped

Instructor

- **Name:** Brutus Buckeye
- **Email:** buckeye.1@osu.edu
- **Office location:** The Shoe
- **Office hours:** Tuesdays from 3-5PM
- **Preferred means of communication:**
    - My preferred method of communication for questions is **email.**
    - My class-wide communications will be sent through the Announcements tool in CarmenCanvas. Please check your notification preferences (go.osu.edu/canvas-notifications) to be sure you receive these messages.

Course Prerequisites

CSS 2500 or equivalence.

Course Description

The goal of this course is to continue developing an understanding of key formalisms and applied computational, mathematical, and statistical tools used in the field of computational social science, with particular emphasis on how they relate to “big questions” and theory in the social sciences. Students will build on their foundational understanding of the scientific method, research design, structured and unstructured data, programming, statistics, modeling social processes, and using algorithms to gain insights about the world. This course focuses on non-linear outcomes and processes and introduces students to nested data structures and corresponding methodological issues. Case studies will draw on data from the social and behavioral sciences, with an emphasis on ethical research practices. Students will continue translating social norms, practices and theory into “data generation processes” using models

and simulations. This is the second course in a 3-course core sequence in CSS methods and theory. This course is waived for Statistics minors.

Course Goals and Learning Outcomes

This course is the second class in a sequence of three methods and theory courses in computational social science.

Goals	Outcomes	Proficiencies
1. Ideation: Translation, Theoretical Modeling, Social Theory. Students should be able to articulate and translate a wide array of social theories into theoretical models, in the form of computational or mathematical algorithms.	a. Work with a diverse set of skills for generating and analyzing both theoretical/mathematical and algorithmic/computational models	i) Explain the use and purposes of theoretical models for providing insights into social phenomena [B]
		iv) Explain data generation mechanisms with generative models and simulated data [I]
	c) Construct novel computational or mathematical models based on new and existing social theory	ii) Adapt existing computational and mathematical models for use explaining and analyzing social phenomena. [I]
	d) Explain and communicate the significance and implications of adapted and original CSS models.	i) Explain and use published descriptions and documentation to reproduce existing models and analyses [B]
		iii) Document models clearly, using concise descriptions appropriate to specialists, using discipline-standard formats (e.g., workflows, ODD, UML, mathematical notation) that permit independent replication. [B]
2) Research Design / Learning from Data. Students should understand the diverse	b) Recognize and address threats to inference in	i) Match modeling assumptions with the generative dynamics of the system in question using

approaches to the generation of knowledge in social science and computational disciplines and be able to integrate them in a way that is methodologically sound.	experimental and observational studies	principles of parsimony and/or maximum entropy. [A]
3) Computation, Modeling, and Statistical Aptitude. Students should be proficient in computation, modelling, and statistics, be able to connect theoretical models to empirical models, understand the tradeoffs and appropriateness of computational models for varying circumstances, and be able to compare empirical performance across models.	a) Conduct statistical and computational analysis in the most widely used and useful software environments of the day	i) Demonstrate proficiency in relevant statistical and computational environments. [B]
		ii) Be able to visualize data and model outputs using cutting-edge statistical and computational environments. [I]
	b) Identify statistical methods and computational algorithms that might usefully be applied to a given problem and assess the pros and cons of each	i) Identify a range of existing statistical models that can serve as tests of social theories [B]
		ii) Identify and collect data that is useful for evaluating social theories [B]
	e) Use comparative model testing, model-based clustering algorithms, and theory-guided data science techniques to compare the explanatory utility of multiple behavioral models.	i) Use and interpret the results of statistical tests for model comparison (e.g. Vuong and Clarke tests, information criteria) [I]

4) Skilled Collaboration and Interpersonal Skills. Students should be flexible, curious, open-minded and supportive inter- and transdisciplinary team scientists who address critical social problems and can translate knowledge into forms that are readily accessible to diverse audiences.	a) Participate in collaborative projects as a facilitator, team member, or collaborator.	i) Identify potential team members strategically and build a team with purpose [P]
		ii) Instill and nurture trust and commitment among team members [P]
		iii) Promote fruitful disagreement while containing conflict [P]
		iv) Set clear expectations for workload, task ownership, and sharing credit and authorship [P]
		v) Maintain a positive and productive working environment [P]
	c) Explore issues of critical importance to society	i) Conduct both basic and applied social research [P]
5) Ethics in Research. The successful student will appreciate and understand both moral and ethical considerations in computational social science research and practice.	a) Design computational social science research projects and methodologies that are compatible with ethical standards of research	vi) Ability to develop and implement CSS research designs, models and algorithms that are consistent with responsible and ethical conduct of research. [I]

Credit hours and work expectations: This is a 3 credit-hour course. According to Ohio State bylaws on instruction (go.osu.edu/credithours), students should expect around 3 hours per week of time spent on direct instruction (instructor content and Carmen activities, for example) in addition to 6 hours of homework (reading and assignment preparation, for example) to receive a grade of [C] average.

Course Materials and Technology

Required Materials

Required books:

Melamed, David and Long Doan. 2024. *Applications of Regression for Categorical Outcomes Using R*. Boca Rotan: CRC Press.[1]

Long, J. Scott. 1997. *Regression Models for Categorical and Limited Dependent Variables*. Thousand Oaks, CA: Sage.

Required Equipment

- **Computer:** current Mac (MacOS) or PC (Windows 10) with high-speed internet connection
- **Other:** a mobile device (smartphone or tablet) to use for BuckeyePass authentication

If you do not have access to the technology you need to succeed in this class, review options for technology and internet access at go.osu.edu/student-tech-access.

CarmenCanvas Access

You will need to use BuckeyePass (buckeyepass.osu.edu) multi-factor authentication to access your courses in Carmen. To ensure that you are able to connect to Carmen at all times, it is recommended that you do each of the following:

- Register multiple devices in case something happens to your primary device. Visit the BuckeyePass - Adding a Device (go.osu.edu/add-device) help article for step-by-step instructions.
- Request passcodes to keep as a backup authentication option. When you see the Duo login screen on your computer, click **Enter a Passcode** and then click the **Text me new codes** button that appears. This will text you ten passcodes good for 365 days that can each be used once.
- Install the Duo Mobile application (go.osu.edu/install-duo) on all of your registered devices for the ability to generate one-time codes in the event that you lose cell, data, or Wi-Fi service.

[1] Have a look at this website before purchasing this book: https://github.com/dmmelamed/catregs/tree/main/Book

If none of these options will meet the needs of your situation, you can contact the IT Service Desk at 614-688-4357 (HELP) and IT support staff will work out a solution with you.

Technology Skills Needed for This Course

- Basic computer and web-browsing skills
- Navigating CarmenCanvas (go.osu.edu/canvasstudent)
- CarmenZoom virtual meetings (go.osu.edu/zoom-meetings)

Technology Support

For help with your password, university email, CarmenCanvas, or any other technology issues, questions or requests, contact the IT Service Desk, which offers 24-hour support, seven days a week.

- **Self Service and Chat**: go.osu.edu/it
- **Phone:** 614-688-4357 (HELP)
- **Email:** servicedesk@osu.edu

Grading

How Your Grade is Calculated

Assignment Category	Points
Homework Assignments	400
Data Analysis Project	100
Total	500

Descriptions of Major Course Assignments

Homework: For each topic we discuss, there will be a homework assignment. Homework will be handed out before we discuss each topic and will be due one week after we conclude discussing the topic. Homework assignments will ask students to evaluate theories or theoretical ideas by mapping data generating processes to observed data.

Data Analysis Project: The final course project is an analysis of secondary data that I will provide. You will be given data and asked to analyze those data using the best practices of computational social science. Specifically, you will be asked to clean the data, describe the data, and fit a series of appropriate regression models that follow from social science theory. Students may work in groups of up to three students. A detailed rubric for this assignment will be provided.

Instructor Response Time

I am providing the following list to give you an idea of my intended availability throughout the course. Remember that you can call 614-688-4357 (HELP) at any time if you have a technical problem.

- **Preferred contact method:** If you have a question, please contact me first through my Ohio State email address. I will reply to emails within **48 hours on days when class is in session at the university**.
- **Class announcements:** I will send all important class-wide messages through the Announcements tool in CarmenCanvas. Please check your notification preferences (go.osu.edu/canvas-notifications) to ensure you receive these messages.
- **Discussion board:** I will check and reply to messages in the discussion boards weekly (at least).

Grading Scale

93–100: A, 90–92.9: A-, 87–89.9: B+, 83–86.9: B, 80–82.9: B-, 77–79.9: C+, 73–76.9: C
70–72.9: C-, 67–69.9: D+, 60–66.9: D, Below 60: E

Week	Topic: Readings
1	Introduction to the course
2	Review of OLS regression; using statistics to evaluate social theory; matching data generating processes to modeling. Melamed and Doan, Chapter 3 Long, Chapter 2 Lundberg, Ian, Rebecca Johnson, and Brandon Stewart. 2021. "What is your estimand? Defining the target quantity connects statistical evidence to theory." *American Sociological Review*. 86(3): 532-565.
3	Modeling Social Processes with Binary Outcomes, part I; deriving hypotheses and matching derivations to model outputs. Melamed and Doan, Chapter 5 Long, Chapter 3
4	Modeling Social Processes with Binary Outcomes, part II – moderation and squared terms; non-linear modeling and data generating processes Melamed and Doan, Chapter 6 Ai, Chunrong, and Edward C. Norton. 2003. "Interaction terms in logit and probit models." *Economics Letters* 80(1): 123-29.
5	Modeling Ordinal Social Processes Melamed and Doan, Chapter 7 Long, Chapter 5
6	Modeling Nominal Social Processes Melamed and Doan, Chapter 8 Long, Chapter 6
7	Count Outcomes, Part I. Data generating processes derived from Criminological theory. Melamed and Doan, Chapter 9 (pp 145-160) Long, Chapter 8 (pp 217-241)
8	Count Outcomes, Part II. Data generating processes derived from Criminological Theory Melamed and Doan, Chapter 9 (pp161-184)

	Long, Chapter 8 (pp 242-250)
9	Alternative-Specific Outcomes; Data generating processes giving rise to social mobility. Melamed and Doan, Chapter 10 Long, Chapter 6 (pp 178-182) Logan, John. 1983. "A Multivariate Model for Mobility Processes." *American Journal of Sociology* 89(2): 324-49.
10	Missing Data; Threats to inference; Types of Missing Data; Sample Selection and Disadvantaged Groups. Melamed and Doan, Chapter 11 (pp 208-214)
11	Random Effects, Part I; Clustered Data Structures in the Social Sciences; Data Generation of Nested Social Processes. Chapter 3, "Statistical Treatment of Clustered Data" in: Snijders, Tom A.B. and Roel J. Bosker. 2012. *Multilevel Analysis*. Thousand Oaks, CA: Sage. Chapter 2, "An Introduction to Multilevel Data Structure." In: Finch, W. Holmes, Jocelyn Bolin, and Ken Kelley. 2019. *Multilevel Modeling Using R*. Boca Rotan, FL: CRC Press.
12	Random Effects, Part II. Evaluating multilevel social theory with estimands. Chapter 4, "The Random Intercept Model" in: Snijders, Tom A.B. and Roel J. Bosker. 2012. *Multilevel Analysis*. Thousand Oaks, CA: Sage. Chapter 3, "Fitting Two-Level Models in R." In: Finch, W. Holmes, Jocelyn Bolin, and Ken Kelley. 2019. *Multilevel Modeling Using R*. Boca Rotan, FL: CRC Press.
13	Overview of Causal Analysis with Observational Data; Threats to validity with observational social data and approaches to minimize them. Imbens, Guido W. 2024. "Causal Inference in the Social Sciences." *Annual Review of Statistics and Its Application.*
14	Workshopping student projects
15	Workshopping student projects

Other Course Policies

Use of Artificial Intelligence

The use of artificial intelligence programs is not allowed in this course without the written permission of the instructor.

Statement on Academic Misconduct

It is the responsibility of the Committee on Academic Misconduct to investigate or establish procedures for the investigation of all reported cases of student academic misconduct. The term “academic misconduct” includes all forms of student academic misconduct wherever committed; illustrated by, but not limited to, cases of plagiarism and dishonest practices in connection with examinations. Instructors shall report all instances of alleged academic misconduct to the committee (Faculty Rule 3335-5-48.7 (B)). For additional information, see the Code of Student Conduct.

Statement about Disability Services

The university strives to maintain a healthy and accessible environment to support student learning in and out of the classroom. If you anticipate or experience academic barriers based on your disability (including mental health, chronic, or temporary medical conditions), please let me know immediately so that we can privately discuss options. To establish reasonable accommodations, I may request that you register with Student Life Disability Services. After registration, make arrangements with me as soon as possible to discuss your accommodations so that they may be implemented in a timely fashion.

If you are ill and need to miss class, including if you are staying home and away from others while experiencing symptoms of a viral infection or fever, please let me know immediately. In cases where illness interacts with an underlying medical condition, please consult with Student Life Disability Services to request reasonable accommodations. You can connect with them at slds@osu.edu; 614-292-3307; or slds.osu.edu.

Statement on Religious Accommodation

Ohio State has had a longstanding practice of making reasonable academic accommodations for students' religious beliefs and practices in accordance with applicable law. In 2023, Ohio State updated its practice to align with new state legislation. Under this new provision, students must be in early communication with their instructors regarding any known accommodation requests for religious beliefs and practices, providing notice of specific dates for which they request alternative accommodations within 14 days after the first instructional day of the course. Instructors in turn shall not question the sincerity of a student's religious or spiritual belief system in reviewing such requests and shall keep requests for accommodations confidential.

With sufficient notice, instructors will provide students with reasonable alternative accommodations with regard to examinations and other academic requirements with respect to students' sincerely held religious beliefs and practices by allowing up to three absences each semester for the student to attend or participate in religious activities. Examples of religious accommodations can include, but are not limited to, rescheduling an exam, altering the time of a student's presentation, allowing make-up assignments to substitute for missed class work, or flexibility in due dates or research responsibilities. If concerns arise about a requested accommodation, instructors are to consult their tenure initiating unit head for assistance.

A student's request for time off shall be provided if the student's sincerely held religious belief or practice severely affects the student's ability to take an exam or meet an academic requirement and the student has notified their instructor, in writing during the first 14 days after the course begins, of the date of each absence. Although students are required to provide notice within the first 14 days after a course begins, instructors are strongly encouraged to work with the student to provide a reasonable accommodation if a request is made outside the notice period. A student may not be penalized for an absence approved under this policy.

If students have questions or disputes related to academic accommodations, they should contact their course instructor, and then their department or college office. For questions or to report discrimination or harassment based on religion, individuals should contact the Civil Rights Compliance Office. (Policy: Religious Holidays, Holy Days and Observances).

Statement on Intellectual Diversity

Ohio State is committed to fostering a culture of open inquiry and intellectual diversity within the classroom. This course will cover a range of information and may include discussions or debates about controversial issues, beliefs, or policies. Any such discussions and debates are intended to support understanding of the approved curriculum and relevant course objectives rather than promote any specific point of view. Students will be assessed on principles applicable to the field of study and the content covered in the course. Preparing students for citizenship includes helping them develop critical thinking skills that will allow them to reach their own conclusions regarding complex or controversial matters.

Your Mental Health

As a student you may experience a range of issues that can cause barriers to learning, such as strained relationships, increased anxiety, alcohol/drug problems, feeling down, difficulty concentrating and/or lack of motivation. These mental health concerns or stressful events may lead to diminished academic performance or reduce a student’s ability to participate in daily activities. The Ohio State University offers services to assist you with addressing these and other concerns you may be experiencing. If you or someone you know are suffering from any of the aforementioned conditions, you can learn more about the broad range of confidential

mental health services available on campus via the Office of Student Life's Counseling and Consultation Service (CCS) by visiting http://ccs.osu.edu or calling 614-292-5766. CCS is located on the 4th Floor of the Younkin Success Center and 10th Floor of Lincoln Tower. You can reach an on call counselor when CCS is closed at 614-292-5766 and 24 hour emergency help is also available 24/7 by dialing 988 to reach the Suicide and Crisis Lifeline.

Concurrences Sought for Computational Social Science

Concurrence for all new CSS courses was sought from the following units. Some units did not respond in the two-week concurrence window, therefore concurrence was assumed. However, all units were collaborative partners on the creation of the overall degree program, so all units are familiar with the new courses.

Concurrence list:

- Communication
- Computer Science & Engineering
- Economics
- Geography
- Linguistics
- Sociology
- Statistics
- Anthropology (did not respond)
- Political Science (did not respond)
- Psychology (did not respond)

From: Garrett, Kelly
To: Stotlar, Jackson
Subject: Re: School of Communication concurrence requests for Computational Social Science curricula
Date: Monday, February 10, 2025 12:08:38 PM
Attachments: image001.png
image002.png

Hi Jackson,

The School of Communication has reviewed these courses and is happy to provide concurrence.

Best,
Kelly

From: Stotlar, Jackson <stotlar.1@osu.edu>
Sent: Wednesday, February 5, 2025 3:49 PM
To: Garrett, Kelly <garrett.258@osu.edu>
Subject: School of Communication concurrence requests for Computational Social Science curricula

Good afternoon Dr. Garrett,

I'm writing on behalf of Dean Ryan King and the faculty committee for the Computational Social Science major. You will recall your department granted concurrence last spring for the CSS program itself. However, the committee has been informed that all new courses for the major need to be approved separately from programmatic concurrence.

Below you will find a link to a folder containing all six syllabi for new courses designed as part of the CSS major. The courses are:

- CSS 2100: Core Concepts in Computational Social Science
- CSS 2500: Methods and Theory in Computational Social Science I
- CSS 3100: Social Theory Guided Computational Social Science
- CSS 3500: Methods and Theory in Computational Social Science II
- CSS 4500: Advanced Computational Social Science Toolbox
- CSS 4900: Capstone in Computational Social Science

Link to folder: CSS New Course Syllabi

If feasible, Dean King asks that the School of Communication's curriculum committee review the courses within the typical two-week concurrence timeframe. However, we recognize that you may need additional time to review given the volume of courses. Please let me know if you require more time to complete the concurrence review. Additionally, please let me know if you have any questions. Thank you for your time.

Best,
Jackson

THE OHIO STATE UNIVERSITY

Jackson Stotlar
Business Operations Consultant

The Ohio State University
College of Arts & Sciences
Office of the Deans
170B University Hall
230 N. Oval Mall, Columbus, OH 43210
614-292-1268 Office
stotlar.1@osu.edu / artsandsciences.osu.edu

Pronouns: he/him / Honorific: Mr.

From: Schuler, William
To: Stotlar, Jackson
Subject: Re: Linguistics concurrence requests for Computational Social Science curricula
Date: Friday, February 14, 2025 3:05:50 PM
Attachments: image001.png
image002.png

Hello Jackson,

Yes, we grant concurrence.

William Schuler
Professor and Chair
Department of Linguistics
The Ohio State University

From: Stotlar, Jackson <stotlar.1@osu.edu>
Date: Wednesday, February 5, 2025 at 3:51 PM
To: Schuler, William <schuler.77@osu.edu>
Subject: Linguistics concurrence requests for Computational Social Science curricula

Good afternoon Dr. Schuler,

My name is Jackson Stotlar and I'm writing on behalf of Dean Ryan King and the faculty committee for the Computational Social Science major. You will recall your department granted concurrence last spring for the CSS program itself. However, the committee has been informed that all new courses for the major need to be approved separately from programmatic concurrence.

Below you will find a link to a folder containing all six syllabi for new courses designed as part of the CSS major. The courses are:

- CSS 2100: Core Concepts in Computational Social Science
- CSS 2500: Methods and Theory in Computational Social Science I
- CSS 3100: Social Theory Guided Computational Social Science
- CSS 3500: Methods and Theory in Computational Social Science II
- CSS 4500: Advanced Computational Social Science Toolbox
- CSS 4900: Capstone in Computational Social Science

Link to folder: **CSS New Course Syllabi**

If feasible, Dean King asks that Linguistics' curriculum committee review the courses within the typical two-week concurrence timeframe. However, we recognize that you may need additional time to review given the volume of courses. Please let me know if

you require more time to complete the concurrence review. Additionally, please let me know if you have any questions. Thank you for your time.

Best,
Jackson

THE OHIO STATE UNIVERSITY

Jackson Stotlar
Business Operations Consultant

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614-292-1268 Office
stotlar.1@osu.edu / artsandsciences.osu.edu

Pronouns: he/him / Honorific: Mr.

From:	Colen, Cynthia
To:	Stotlar, Jackson
Subject:	RE: Sociology concurrence requests for Computational Social Science curricula
Date:	Tuesday, March 4, 2025 3:03:29 PM
Attachments:	image003.png image004.png image005.png

Hi Jackson,

The Department of Sociology grants concurrence. My apologies for the delayed response.

Best,
Cindy

Cynthia Colen, PhD, MPH
she/her/hers
Professor and Interim Chair
Department of Sociology, College of Arts & Sciences
Division of Health Behavior & Health Promotion, College of Public Health
Research Affiliate, Institute for Population Research
colen.3@osu.edu

From: Stotlar, Jackson <stotlar.1@osu.edu>
Sent: Wednesday, February 5, 2025 3:48 PM
To: Colen, Cynthia <colen.3@osu.edu>
Subject: Sociology concurrence requests for Computational Social Science curricula

Good afternoon Dr. Colen,

My name is Jackson Stotlar and I'm writing on behalf of Dean Ryan King and the faculty committee for the Computational Social Science major. You may recall your department granted concurrence last spring for the CSS program itself. However, the committee has been informed that all new courses for the major need to be approved separately from programmatic concurrence.

Below you will find a link to a folder containing all six syllabi for new courses designed as part of the CSS major. The courses are:

- CSS 2100: Core Concepts in Computational Social Science
- CSS 2500: Methods and Theory in Computational Social Science I
- CSS 3100: Social Theory Guided Computational Social Science
- CSS 3500: Methods and Theory in Computational Social Science II
- CSS 4500: Advanced Computational Social Science Toolbox

CSS 4900: Capstone in Computational Social Science

Link to folder: CSS New Course Syllabi

If feasible, Dean King asks that Sociology's curriculum committee review the courses within the typical two-week concurrence timeframe. However, we recognize that you may need additional time to review given the volume of courses. Please let me know if you require more time to complete the concurrence review. Additionally, please let me know if you have any questions. Thank you for your time.

Best,
Jackson

THE OHIO STATE UNIVERSITY

Jackson Stotlar
Business Operations Consultant

The Ohio State University
College of Arts & Sciences
Office of the Deans
170B University Hall
230 N. Oval Mall, Columbus, OH 43210
614-292-1268 Office
stotlar.1@osu.edu / artsandsciences.osu.edu

Pronouns: he/him / Honorific: Mr.

From: King, Ryan
To: Stotlar, Jackson
Subject: FW: Concurrence for CSS Major Courses
Date: Tuesday, April 29, 2025 11:10:47 AM

Hi Jackson,

See below for Statistics' concurrence.

Ryan

From: Kaizar, Elly <kaizar.1@osu.edu>
Sent: Tuesday, April 29, 2025 10:53 AM
To: King, Ryan <king.2065@osu.edu>
Cc: Lee, Yoonkyung <yklee@stat.osu.edu>; Peruggia, Mario <peruggia@stat.osu.edu>
Subject: Concurrence for CSS Major Courses

Dear Dr. King,

The Department of Statistics grants concurrence for the six courses created to serve the proposed major in Computational Social Science: CSS 2100, CSS 2500, CSS 3100, CSS 3500, CSS 4500, and CSS 4900. The Department of Statistics understands that its faculty are eligible to each these courses, and our support for the CSS courses does not preclude the development of Statistics courses with overlapping content.

Best wishes,
Elly

_____

Eloise Kaizar, PhD
Professor and Chair
Department of Statistics
404B Cockins Hall
Ohio State University
(614) 247-2585

From: Stotlar, Jackson
To: McGraw, Scott
Subject: Anthropology concurrence requests for Computational Social Science curricula
Date: Wednesday, February 5, 2025 3:47:00 PM
Attachments: image001.png
image002.png

Good afternoon Dr. McGraw,

I'm writing on behalf of Dean Ryan King and the faculty committee for the Computational Social Science major. You will recall your department granted concurrence last spring for the CSS program itself. However, the committee has been informed that all new courses for the major need to be approved separately from programmatic concurrence.

Below you will find a link to a folder containing all six syllabi for new courses designed as part of the CSS major. The courses are:

- CSS 2100: Core Concepts in Computational Social Science
- CSS 2500: Methods and Theory in Computational Social Science I
- CSS 3100: Social Theory Guided Computational Social Science
- CSS 3500: Methods and Theory in Computational Social Science II
- CSS 4500: Advanced Computational Social Science Toolbox
- CSS 4900: Capstone in Computational Social Science

Link to folder: CSS New Course Syllabi

If feasible, Dean King asks that Anthropology's curriculum committee review the courses within the typical two-week concurrence timeframe. However, we recognize that you may need additional time to review given the volume of courses. Please let me know if you require more time to complete the concurrence review. Additionally, please let me know if you have any questions. Thank you for your time.

Best,
Jackson

THE OHIO STATE UNIVERSITY

Jackson Stotlar
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614-292-1268 Office
stotlar.1@osu.edu / artsandsciences.osu.edu

Pronouns: he/him / Honorific: Mr.

From: Stotlar, Jackson
To: Kurtz, Marcus
Subject: Political Science Concurrence requests for Computational Social Science curricula
Date: Wednesday, February 5, 2025 3:41:00 PM
Attachments: image001.png
image002.png

Good afternoon Dr. Kurtz,

My name is Jackson Stotlar and I'm writing on behalf of Dean Ryan King and the faculty committee for the Computational Social Science major. You may recall your department granted concurrence last spring for the CSS program itself. However, the committee has been informed that all new courses for the major need to be approved separately from programmatic concurrence.

Below you will find a link to a folder containing all six syllabi for new courses designed as part of the CSS major. The courses are:

- CSS 2100: Core Concepts in Computational Social Science
- CSS 2500: Methods and Theory in Computational Social Science I
- CSS 3100: Social Theory Guided Computational Social Science
- CSS 3500: Methods and Theory in Computational Social Science II
- CSS 4500: Advanced Computational Social Science Toolbox
- CSS 4900: Capstone in Computational Social Science

Link to folder: CSS New Course Syllabi

If feasible, Dean King asks that Political Science's curriculum committee review the courses within the typical two-week concurrence timeframe. However, we recognize that you may need additional time to review given the volume of courses. Please let me know if you require more time to complete the concurrence review. Additionally, please let me know if you have any questions. Thank you for your time.

Best,
Jackson

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Pronouns: he/him / Honorific: Mr.

From: Houser, Jana
To: Coleman, Mat; Stotlar, Jackson
Subject: Re: Geography concurrence requests for Computational Social Science curricula
Date: Friday, February 14, 2025 1:04:19 PM
Attachments: image001.png
image002.png
image003.png
Outlook-lf1zbhpl.png

Hello Jackson,

The Geography Undergrad Committee and faculty have looked at the syllabi below and grant concurrence.

Thanks!

-Jana

Dr. Jana Houser
Director of Undergraduate Studies
Associate Professor of Meteorology
Atmospheric Sciences Program
Department of Geography
The Ohio State University
Columbus, OH

From: Coleman, Mat <coleman.373@osu.edu>
Sent: Wednesday, February 5, 2025 3:50 PM
To: Houser, Jana <houser.262@osu.edu>
Subject: FW: Geography concurrence requests for Computational Social Science curricula

Hi Jana—

I apologize, but this is coming from the dean. I am anticipating that we are going to concur, but for the sake of appearances we should likely affirmatively concur rather than allowing the time window to lapse. Can you assign this to UGS committee members?

Link to the docs below.

Thanks,
Mat

THE OHIO STATE UNIVERSITY

Mat Coleman
Professor and Department Chair
Department of Geography, College of Social and Behavioral Sciences
http://u.osu.edu/coleman.373/

1036B Derby Hall (main office suite)
154 N. Oval Mall
Columbus, OH 43210-1361

The Ohio State University occupies land that is the ancestral and contemporary territory of the Shawnee, Potawatomi, Delaware, Miami, Peoria, Seneca, Wyandotte, Ojibwe and Cherokee peoples. The university resides on land ceded in the 1795 Treaty of Greeneville and the forced removal of tribes through the Indian Removal Act of 1830.

The Ohio State University is a land grant institution. Land grants nationwide received funding through the 1862 Morrill Act, which gave so-called 'public' land taken from tribal nations to states to seed institutions of higher education. The Ohio State University was funded through the sale of 630,000 acres of 'public' land, carefully documented at https://www.landgrabu.org/universities

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From: Stotlar, Jackson <stotlar.1@osu.edu>
Date: Wednesday, February 5, 2025 at 3:43 PM
To: Coleman, Mat <coleman.373@osu.edu>
Subject: Geography concurrence requests for Computational Social Science curricula

Hi Mat,

I'm writing on behalf of Dean Ryan King and the faculty committee for the Computational Social Science major. You may recall Geography granted concurrence last spring for the CSS program itself. However, the committee has been informed that all new courses for the major need to be approved separately from programmatic concurrence.

Below you will find a link to a folder containing all six syllabi for new courses designed as part of the CSS major. The courses are:

- CSS 2100: Core Concepts in Computational Social Science
- CSS 2500: Methods and Theory in Computational Social Science I
- CSS 3100: Social Theory Guided Computational Social Science

- CSS 3500: Methods and Theory in Computational Social Science II
- CSS 4500: Advanced Computational Social Science Toolbox
- CSS 4900: Capstone in Computational Social Science

Link to folder: CSS New Course Syllabi

If feasible, Dean King asks that Geography's curriculum committee review the courses within the typical two-week concurrence timeframe. However, we recognize that you may need additional time to review given the volume of courses. Please let me know if you require more time to complete the concurrence review. Additionally, please let me know if you have any questions. Thank you for your time!

Best,
Jackson

THE OHIO STATE UNIVERSITY

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Business Operations Consultant

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stotlar.1@osu.edu / artsandsciences.osu.edu

Pronouns: he/him / Honorific: Mr.

From:	Williamson, Donald
To:	Stotlar, Jackson
Subject:	Re: Revised concurrence request for CSS 4500
Date:	Friday, August 29, 2025 2:13:16 PM
Attachments:	image001.png image002.png

Hi Jackson,

CSE's curriculum committee discussed this course, and we do not have any issues with the updated version. Hence, we offer concurrence.

Best,

Donald S. Williamson
Associate Professor
Director, The ASPIRE Group
Affiliated faculty, Translational Data Analytics Institute
Computer Science and Engineering
493 Dreese Labs, 2015 Neil Ave, Columbus, OH 43210
williamson.413@osu.edu

THE OHIO STATE UNIVERSITY
COLLEGE OF ENGINEERING

From: Stotlar, Jackson <stotlar.1@osu.edu>
Date: Friday, August 15, 2025 at 10:17 AM
To: Williamson, Donald <williamson.413@osu.edu>
Subject: Revised concurrence request for CSS 4500

Dear Donald,

Reaching out as promised on behalf of Ryan King and the faculty committee for the Computational Social Science major. Attached is the revised syllabus for CSS 4500. We ask that the CSE faculty review the revised syllabus for concurrence by August 29. Below are comments from Sean Downey, the faculty committee member who edited the syllabus following your feedback:

> *Thanks for your helpful feedback about CSS 4500. This syllabus slipped through the cracks during my sabbatical, and you are right to point out the problems with this syllabus. Let me respond in-line to your comments. If anything still jumps out as problematic, I'm happy to adjust further. But I hope this is sufficient to address your concerns.*
>
> For CSS 4500, from the course description and outcomes, the proposed course seems much different from any of CSE's AI-related courses (e.g., CSE 3521, 5523, or 5052). However, the

required textbooks and course schedule/topics appear to follow a generic AI course in the veins of CSE 3521or 5523, instead of one specialized to a specific area. So based on how the course currently stands, we cannot provide concurrence.

I have significantly revised it, and I believe it should be clear how it differs from CSE's AI-related courses.

However, we can reconsider it if the following items are addressed:
We would expect each weekly topic to have a specific CSS application and/or dataset that drives the AI/ML learning topic. Hence, like week 8 from the provided syllabus, we would expect to see CSS related topics/applications next to each AI/ML topic.

The course is now divided into 2-week modules which are thematically categorized to link social science theory with suitable computational methods. I added a "standardized assignment format" and eliminated exams to facilitate practical learning.

We would expect to see more CSS-related textbooks and readings associated with this course, especially ones that use applied AI/ML for CSS topics.

I expanded the reading list to include many social science and CSS readings.

Similarly, we would expect to see social science datasets that will drive the AI/ML algorithms. We really liked how CSS 2500 listed social science datasets that will be used for the labs and lectures.

Please see the course map beginning on page 12 – this table links everything together, including readings and assignments. Of course, these are just suggestions for the first instructor. Things are likely to change and be updated when it is first taught.

Since this course has a Python programming element and the other CSS courses don't appear to have one, we suggest that 'CSE 1224: Introduction to Computer Programming in Python' is included as a pre-requisite for this course, to ensure the students are comfortable with Python before using it.

I added this as a suggested course, rather than a prerequisite. I hope that is OK. The CSS curriculum is rather tightly engineered as it was, so I fear that adding another prererq would complicate student progression and timing.

In our experience, it is difficult to combine learning Python with learning AI/ML at the same time, so separating the two may be more beneficial to the students and the instructors.

Noted, thank for that guidance. After thinking about this a bit, we decided to add a 2-

week module, "Translating Code Worlds — Python for R Thinkers" which will help students leverage their prior CSS coursework in R. The focus of this course is to provide broad exposure to a range of CSS research and methods, and we hope that this module and the "code-template" approach will help with this. But we are going into this with our eyes open.

Separately, from an AI/ML perspective, the schedule does seem rather aggressive in terms of the pace and the number of topics. It may be worth reducing the number of topics to help facilitate learning. Again, this is only a recommendation, but one that we've had to learn based on teaching similar AI survey courses.

Agreed and noted. But because this version of the syllabus is for review – and also a guide for the first professor to teach it -- I opted to be inclusive in terms of the possible topics and coverage. This seemed most useful for your concurrence. I anticipate that the instructors will reduce the number of modules, with 1-5 being standard for all offerings and 6-7 varying slightly by instructor, likely with more depth into one or two of those modules.

-Sean

Please let me know if you have any questions. Thank you!

Best,
Jackson

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Pronouns: he/him / Honorific: Mr.

From:	Williamson, Donald
To:	Stotlar, Jackson
Subject:	Re: Concurrence request for Computational Social Science Curricula
Date:	Friday, May 9, 2025 2:49:23 PM
Attachments:	image001.png image002.png image003.png image004.png

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Hi Jackson,

The CSE curriculum committee met earlier today to discuss the concurrence requests for the six proposed CSS courses (e.g., CSS 2100, 2500, 3100, 3500, 4500, and 4900). For five of the six courses, CSE provides concurrence (e.g., CSS 2100, 2500, 3100, 3500, and 4900).

For CSS 4500, from the course description and outcomes, the proposed course seems much different from any of CSE's AI-related courses (e.g., CSE 3521, 5523, or 5052). However, the required textbooks and course schedule/topics appear to follow a generic AI course in the veins of CSE 3521or 5523, instead of one specialized to a specific area. So based on how the course currently stands, we cannot provide concurrence. However, we can reconsider it if the following items are addressed:

1. We would expect each weekly topic to have a specific CSS application and/or dataset that drives the AI/ML learning topic. Hence, like week 8 from the provided syllabus, we would expect to see CSS related topics/applications next to each AI/ML topic.
2. We would expect to see more CSS-related textbooks and readings associated with this course, especially ones that use applied AI/ML for CSS topics.
3. Similarly, we would expect to see social science datasets that will drive the AI/ML algorithms. We really liked how CSS 2500 listed social science datasets that will be used for the labs and lectures.
4. Since this course has a Python programming element and the other CSS courses don't appear to have one, we suggest that 'CSE 1224: Introduction to Computer Programming in Python' is included as a pre-requisite for this course, to ensure the students are comfortable with Python before using it. In our experience, it is difficult to combine learning Python with learning AI/ML at the same time, so separating the two may be more beneficial to the students and the instructors.

Separately, from an AI/ML perspective, the schedule does seem rather aggressive in terms of the pace and the number of topics. It may be worth reducing the number of topics to help facilitate learning. Again, this is only a recommendation, but one that we've had to learn based on teaching similar AI survey courses.

Please let me know if you have any follow-up questions or comments. I'd be happy to discuss it further.

Best,

Donald S. Williamson
Associate Professor
Director, The ASPIRE Group
Affiliated faculty, Translational Data Analytics Institute
Computer Science and Engineering
493 Dreese Labs, 2015 Neil Ave, Columbus, OH 43210
williamson.413@osu.edu

THE OHIO STATE UNIVERSITY
COLLEGE OF ENGINEERING

From: Williamson, Donald <williamson.413@osu.edu>
Date: Wednesday, May 7, 2025 at 4:26 PM
To: Stotlar, Jackson <stotlar.1@osu.edu>
Subject: Re: Concurrence request for Computational Social Science Curricula

I plan to get back to you by then, since our committee will meet this Friday.

Best,

Donald S. Williamson
Associate Professor
Director, The ASPIRE Group
Affiliated faculty, Translational Data Analytics Institute
Computer Science and Engineering
493 Dreese Labs, 2015 Neil Ave, Columbus, OH 43210
williamson.413@osu.edu

THE OHIO STATE UNIVERSITY
COLLEGE OF ENGINEERING

From: Stotlar, Jackson <stotlar.1@osu.edu>
Date: Monday, May 5, 2025 at 2:47 PM
To: Williamson, Donald <williamson.413@osu.edu>
Subject: RE: Concurrence request for Computational Social Science Curricula

I appreciate that, Donald. I know it is such a busy time of year! Would it be possible to hear back from the CSE curriculum committee by Monday, May 12? We're hoping to be able to incorporate all feedback with the CSS committee before the departure of faculty who are not on appointment over the summer.

Best,
Jackson

From: Williamson, Donald <williamson.413@osu.edu>
Sent: Monday, May 5, 2025 1:11 PM

To: Stotlar, Jackson <stotlar.1@osu.edu>
Subject: Re: Concurrence request for Computational Social Science Curricula

Thanks Jackson. I'll pass this information along to the committee. I'll get back to you should we have any further questions or comments. Things were hectic last week with final exams and travel, but I hope to get back to you soon.

Best,

Donald S. Williamson
Associate Professor
Director, The ASPIRE Group
Affiliated faculty, Translational Data Analytics Institute
Computer Science and Engineering
493 Dreese Labs, 2015 Neil Ave, Columbus, OH 43210
williamson.413@osu.edu


THE OHIO STATE UNIVERSITY
COLLEGE OF ENGINEERING

From: Stotlar, Jackson <stotlar.1@osu.edu>
Date: Monday, April 28, 2025 at 12:59 PM
To: Williamson, Donald <williamson.413@osu.edu>
Subject: RE: Concurrence request for Computational Social Science Curricula

Hi Donald,

I've heard back from Sean Downey, the faculty chair of the CSS committee, for feedback on differentiation between the courses. Here is his response:

> The key differentiating factors in this course are in providing students exposure, experience, and training in:
>
> Social-theory driven applications of machine learning techniques.
>
> The process of translating of social theory into advanced computational models, including machine learning and agent-based models.
>
> Applied "tool-box" or "vignette" approach designed for students with less background in computer science and math.
>
> Transdisciplinary team-science approach focused on collaboration.

Does this help shed light on the differences between the curricular aims, even if there is some overlap in topics? Let me know if I can provide any additional information from the committee.

Best,

Jackson

From: Stotlar, Jackson
Sent: Wednesday, April 23, 2025 12:35 PM
To: Williamson, Donald <williamson.413@osu.edu>
Subject: RE: Concurrence request for Computational Social Science Curricula

Hi Donald,

Thanks for these questions. I've shared your email with CSS committee for feedback and have asked for a quick response. One of us will respond to you asap.

Best,
Jackson

From: Williamson, Donald <williamson.413@osu.edu>
Sent: Wednesday, April 23, 2025 10:32 AM
To: Stotlar, Jackson <stotlar.1@osu.edu>
Subject: Re: Concurrence request for Computational Social Science Curricula

Hi Jackson,

I finally had a chance to look through the syllabi that were provided. Generally, I don't have concerns with most of the courses, where I think that they are rather interesting and would be beneficial to CSE students as well. I haven't discussed the courses with CSE's curriculum committee yet, but before I do so I did have questions about CSS 4500, which would help me answer potential questions the committee may have.

Basically, I want to see how CSS 4500 may differ from CSE 3521: Survey of AI, since the two courses have noticeable overlap in terms of topics? I've attached a syllabus from when I taught this course previously, along with a link to our general course information that can be found here. I noticed that CSE 3521 has more pre-requisites, which indicates that the two courses may target students with differing skill sets. It seems like CSS 4500 will also require programming in Python, but I'm not sure how extensive this will be since students will also program in R. CSE 3521 only programs in Python. CSE 3521 is also mathematically rigorous, where we cover derivations and proofs? Are there any other differences that I can share with the committee to help ease any concerns?

Best,

Donald S. Williamson
Associate Professor
Director, The ASPIRE Group
Affiliated faculty, Translational Data Analytics Institute
Computer Science and Engineering

493 Dreese Labs, 2015 Neil Ave, Columbus, OH 43210
williamson.413@osu.edu

THE OHIO STATE UNIVERSITY
COLLEGE OF ENGINEERING

From: Stotlar, Jackson <stotlar.1@osu.edu>
Date: Tuesday, April 15, 2025 at 1:04 PM
To: Fosler-Lussier, Eric <fosler@cse.ohio-state.edu>, Williamson, Donald <williamson.413@osu.edu>, Morris, Jeremy <morris.343@osu.edu>
Cc: Ramnath, Rajiv <ramnath.6@osu.edu>
Subject: RE: Concurrence request for Computational Social Science Curricula

Terrific, thank you so much. Again, please let me know if I can assist in answering any questions.

Best,
Jackson

From: Fosler-Lussier, Eric <fosler@cse.ohio-state.edu>
Sent: Tuesday, April 15, 2025 1:01 PM
To: Stotlar, Jackson <stotlar.1@osu.edu>; Williamson, Donald <williamson.413@osu.edu>; Morris, Jeremy <morris.343@osu.edu>
Cc: Ramnath, Rajiv <ramnath.6@osu.edu>
Subject: FW: Concurrence request for Computational Social Science Curricula

Hi Jackson,

I'm forwarding this to our curriculum and undergrad studies chairs.

Donald, I **think** the concurrence would flow through our curriculum committee given that these are course level requests, but you can coordinate with Jeremy as seems best.

Cc:ing Rajiv for visibility.

Best wishes,
-Eric

Eric Fosler-Lussier
John I. Makhoul Professor and Acting Chair, CSE
Professor by Courtesy of Linguistics and Biomedical Informatics
Dept. of Computer Science and Engineering, The Ohio State University
fosler-lussier.1@osu.edu

Nodie Antoine

Interim Assistant to the Chair, CSE

antoine.28@osu.edu

From: Stotlar, Jackson <stotlar.1@osu.edu>
Date: Tuesday, April 15, 2025 at 12:47 PM
To: Fosler-Lussier, Eric <fosler@cse.ohio-state.edu>
Subject: Concurrence request for Computational Social Science Curricula

Good afternoon Dr. Fosler-Lussier,

My name is Jackson Stotlar and I'm writing on behalf of Dean Ryan King and the faculty committee for the Computational Social Science major. You may recall we reached out to Computer Science and Engineering last Spring for concurrence to the CSS program itself. However, the committee has been informed that all new courses for the major need to be approved separately from programmatic concurrence.

Below you will find a link to a folder containing all six syllabi for new courses designed as part of the CSS major. The courses are:

- CSS 2100: Core Concepts in Computational Social Science
- CSS 2500: Methods and Theory in Computational Social Science I
- CSS 3100: Social Theory Guided Computational Social Science
- CSS 3500: Methods and Theory in Computational Social Science II
- CSS 4500: Advanced Computational Social Science Toolbox
- CSS 4900: Capstone in Computational Social Science

Link to folder: CSS New Course Syllabi

Additionally, I've attached a draft of the current proposal as a reminder of the program. Please let me know if I can answer any questions and thank you for your time.

Best,
Jackson

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Pronouns: he/him / Honorific: Mr.

From: Yang, Huanxing
To: Stotlar, Jackson
Subject: Re: Economics concurrence requests for Computational Social Science curricula
Date: Tuesday, February 11, 2025 10:01:36 AM
Attachments: image001.png
image002.png

Hi Jackson,

The Econ department has reviewed these courses and gave concurrence.

Best,
Huanxing

Huanxing Yang
Professor and Chair
OSU Econ

From: Stotlar, Jackson <stotlar.1@osu.edu>
Sent: Wednesday, February 5, 2025 3:46 PM
To: Yang, Huanxing <yang.1041@osu.edu>
Subject: Economics concurrence requests for Computational Social Science curricula

Good afternoon Dr. Yang,

My name is Jackson Stotlar and I'm writing on behalf of Dean Ryan King and the faculty committee for the Computational Social Science major. You will recall your department granted concurrence last spring for the CSS program itself. However, the committee has been informed that all new courses for the major need to be approved separately from programmatic concurrence.

Below you will find a link to a folder containing all six syllabi for new courses designed as part of the CSS major. The courses are:

- CSS 2100: Core Concepts in Computational Social Science
- CSS 2500: Methods and Theory in Computational Social Science I
- CSS 3100: Social Theory Guided Computational Social Science
- CSS 3500: Methods and Theory in Computational Social Science II
- CSS 4500: Advanced Computational Social Science Toolbox
- CSS 4900: Capstone in Computational Social Science

Link to folder: CSS New Course Syllabi

If feasible, Dean King asks that Economics' curriculum committee review the courses within the typical two-week concurrence timeframe. However, we recognize that you may need

additional time to review given the volume of courses. Please let me know if you require more time to complete the concurrence review. Additionally, please let me know if you have any questions. Thank you for your time.

Best,
Jackson

THE OHIO STATE UNIVERSITY

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Business Operations Consultant

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Pronouns: he/him / Honorific: Mr.

From:	Stotlar, Jackson
To:	Wegener, Duane
Subject:	Psychology concurrence requests for Computational Social Science curricula
Date:	Wednesday, February 5, 2025 3:38:00 PM
Attachments:	image001.png image002.png

Good afternoon Dr. Wegener,

My name is Jackson Stotlar and I'm writing on behalf of Dean Ryan King and the faculty committee for the Computational Social Science major. You will recall your department granted concurrence last spring for the CSS program itself. However, the committee has been informed that all new courses for the major need to be approved separately from programmatic concurrence.

Below you will find a link to a folder containing all six syllabi for new courses designed as part of the CSS major. The courses are:

- CSS 2100: Core Concepts in Computational Social Science
- CSS 2500: Methods and Theory in Computational Social Science I
- CSS 3100: Social Theory Guided Computational Social Science
- CSS 3500: Methods and Theory in Computational Social Science II
- CSS 4500: Advanced Computational Social Science Toolbox
- CSS 4900: Capstone in Computational Social Science

Link to folder: CSS New Course Syllabi

If feasible, Dean King asks that Psychology's curriculum committee review the courses within the typical two-week concurrence timeframe. However, we recognize that you may need additional time to review given the volume of courses. Please let me know if you require more time to complete the concurrence review. Additionally, please let me know if you have any questions. Thank you for your time.

Best,
Jackson

THE OHIO STATE UNIVERSITY

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Business Operations Consultant

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